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PROCUREMENT EXECUTIVE, MINISTRY OF DEFENCE

July 1979

Amendment No.80  
(final amendment)  
to  
AP 4306A

DATA BOOK OF GROUND SERVICING EQUIPMENT

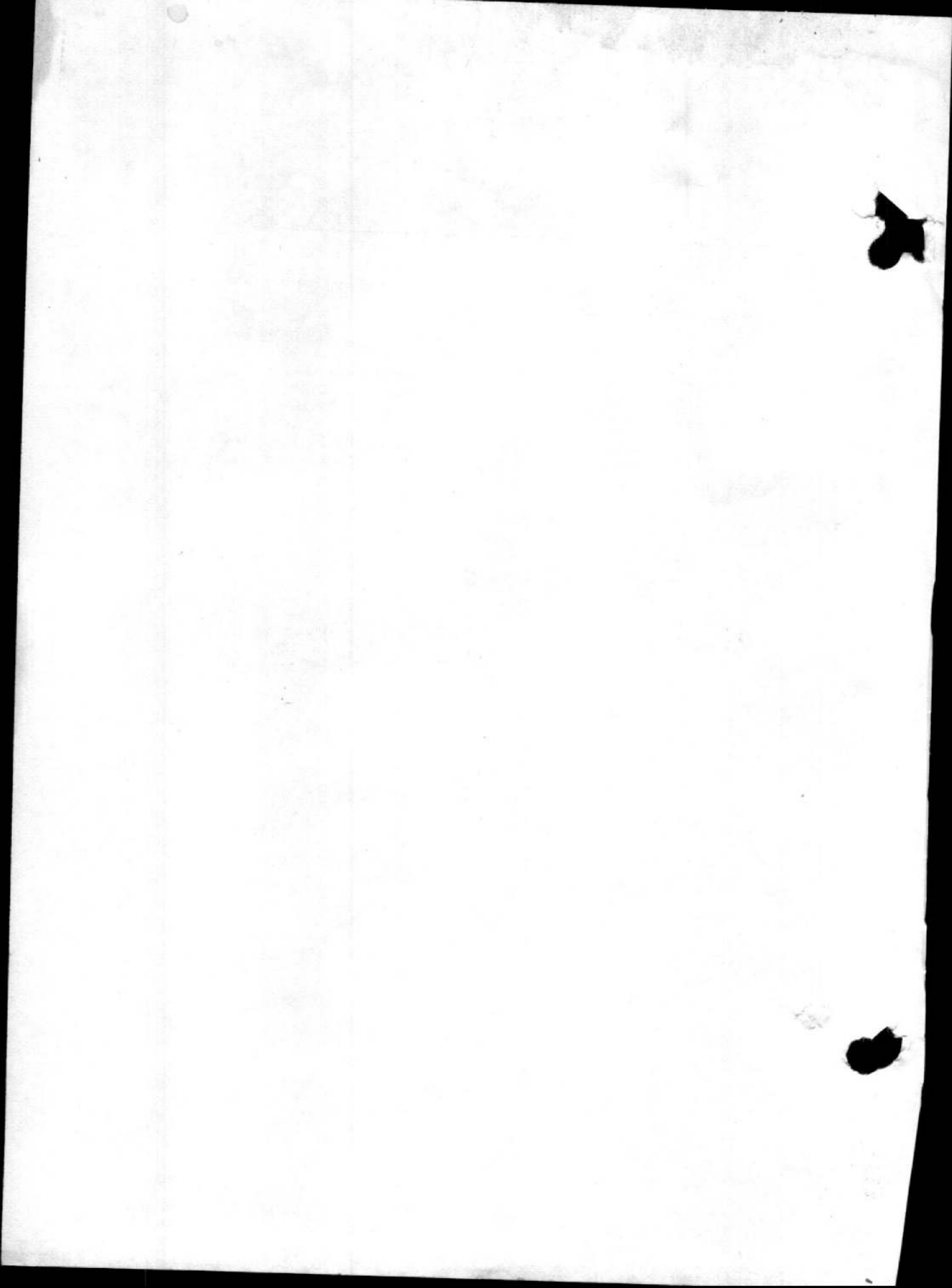
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A.P.4306A

AMENDMENT LIBRARY SLIP

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1	Ed Aspdon <sup>Sec 5 (1 to 4)</sup> Sec 9 (1 to 31)	1.5.50
2	Ed Aspdon <sup>Sec 6</sup> (Hemlock 29)	1.5.50
3	Kalgarh Sec's 6-13	12.7.50
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43	C. Harnsworth <sup>Sec 6, 7, 9, 10, 12</sup>	9.6.60
44	W. L. Secs 4, 5, 6, 7, 9, 10, 12, 13	5.12.60
45	C. Harnsworth Sec 2, 12	24.10.61
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### SCALES OF ISSUE

It is not practicable to include scales of issue in the data for items of equipment in this publication; reference should be made to A.P.113 for the appropriate A.P. giving this information.

## FOREWORD

This publication is issued as a reference book, and covers the range of ground servicing equipment which might be expected to come within the province of the Technical Officer.

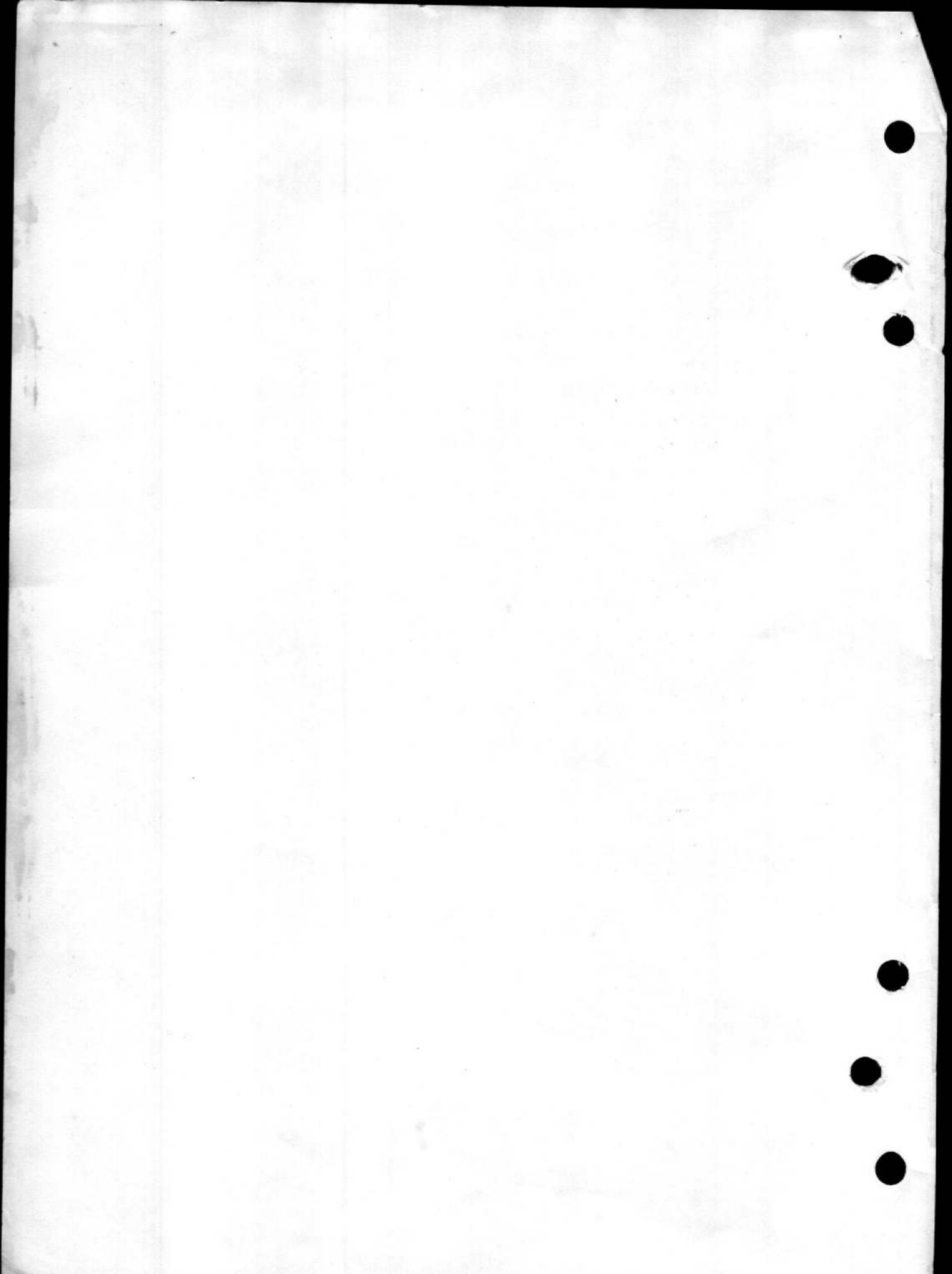
It is intended to include in this data book only the briefest details of equipment, for in no sense is it the purpose of the book that it should replace the Air Publication specifically written for the equipment; nor is it to take the place of A.P.1086—Vocabulary of R.A.F. Equipment as the authority on equipment identification. Rather is it intended to summarize the information required by personnel wishing, for instance, to identify an item of equipment, learn its purpose and operational scope, or determine its air portability. Consequently, the information given on an item of equipment includes an illustration and only a brief description of it, together with its Ref. number, overall dimensions and weight, and a reference to the A.P. where full particulars can be found.

The publication is divided into Sections, and each Section contains a series of Items each giving data on a piece of equipment. The Sections correspond approximately to the Sections of A.P.1086 in content, although the section numbers differ; also, one Section in this A.P. may cover stores contained in one or more of the Sections in A.P.1086. The List of Sections at the beginning of this publication indicates clearly the relationship between the Sections in both publications.

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- 5 Air compressor and servicing trolleys  
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- 6 Aircraft servicing and ground handling equipment  
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- 9 Lifting and haulage equipment  
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- 11 Instrument test equipment  
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100 ton, hand-operated, "Talurit" ... ..	3A/3230	2	37
Primer, oil, Mk.2 ... ..	4G/4269	6	16
Pump			
oleo undercarriage, Type A ... ..	4G/257	6	15
oleo undercarriage, Type F ... ..	4G/2764	6	14
semi-rotary, No. 4, Type A ... ..	4K/4431328	7	10
tyre inflating, foot operated, Type B	4G/3743	6	36
R			
Rig			
inhibiting, Mk.3 series ... ..	4G/4420995, 7325, 4430054	6	157
test, cabin pressure and cooling ... ..	4F/5256, 5257	5	78
test, for swaged cable ends ... ..	4A/2255	3	27
test, (Hydraulic bench supply) 6664	10S/17252	6	143

Nomenclature	Ref. No.	Sect.	Item
Rig (continued)			
test, hydraulic component, 5 $\frac{1}{3}$ g.p.m.	4G/5878	6	135
test, hydraulic component, 12 g.p.m.	4G/6726	6	137
test, hydraulic component and alternator (earlier version) ... ..	4G/6949	6	131
test, hydraulic component and alternator (later version)... ..	4G/6087	6	145
test, "Maxaret"... ..	27G/3162-3	6	156
test, powered flying controls, Mk.2 (Fairey) ... ..	4G/5902	6	87
test, powered flying controls, Valiant (Boulton Paul) ... ..	27KC/1018	6	3
test, powered flying controls, Victor (Hobson) ... ..	27KC/1616	6	88
test, powered flying controls, Vulcan (Boulton Paul) ... ..	27KC/1564	6	119
test, pressure, engine coolant ...	4G/3821	6	13
test, tyre pressure gauge ... ..	4G/4420140	6	29
test, winch clutch, Mk.2 ... ..	4G/4420	12	15
torque wrench setting and testing, universal (0-400 ft. lb.) ... ..	4A/2239	3	25
turbine compressor washing ... ..	4G/442115	6	165
Riveter			
Runway de-icer ... ..	4C/3240	7	31
S			
Separator			
tyre, hydraulic... ..	4G/5635	6	54
tyre, screw type ... ..	4G/6269	6	147
Set, hydraulic test ... ..	4G/3430	6	12
Skates			
side tracking, Type E... ..	4GB/4235	6	95
side tracking, Type F... ..	4GB/4240	6	86
Sling			
bomb, three-legged ... ..	4L/2666	12	37
chain, barrel ... ..	4L/2571	9	29
chain, four-legged ... ..	4L/2587, 2588, 2621	9	55
chain, single leg ... ..	4L/2589	9	56
for lifting one Mk.12 compressed gas cylinder ... ..	4L/2586	9	38
lifting, E.C.U. cases... ..	4L/2815	9	32
mainplane handling, Types A and B... ..	4L/2569, 2578	9	57
power plant, universal ... ..	4GC/4232177	6	35
propeller... ..	4GC/4232191	6	116
soft eye strop ... ..	4L/2607-2611	9	52

Nomenclature	Ref. No.	Sect.	Item
Sling (continued)			
soft eye strop ... ..	4L/2612-2616, 2622	9	53
soft eye strop ... ..	4L/2617-2620, 2623	9	54
universal, for lifting cased engine change units ... ..	4L/2694	9	8
universal, for M.T. engines ... ..	16C/5489	13	29
wire rope, four-legged... ..	4L/2579-2582 2590-2595,2663 2665,2683,2781	9	51
wire rope, two-legged ... ..	4L/2596-2606	9	50
Sprayer, rust preventive ... ..	4A/719	3	4
Stand			
axle, for M.T. vehicles ... ..	LV6 MT2/4910-99- VARIOUS	13	10
electrical, power distribution ... ..	5A/4176	10	8
engine erecting, Type A ... ..	4G/1	6	68
engine erecting, radial aircraft engines, Type C ... ..	4G/2084	6	103
servicing, ejection seat ... ..	27L/1162	12	51
universal run-up, Mk.1... ..	4G/7037	6	171
Steps			
aircraft servicing (air transportable)	4G/8311	6	166
cabin access (Edghill Type 2823/HD)	4G/6962	6	149
passenger, for Transport Command aircraft ... ..	4G/6647	6	146
passenger (Edghill) ... ..	4G/8327	6	172
Sweeper			
mechanical, Type D ... ..	4C/2455	7	6
mechanical, Type G ... ..	4C/2531	7	23
mechanical, Type J ... ..	4C/3345	7	34
T			
Tackle, load securing ... ..	4L/4253453	9	68
Tank			
component washing, large ... ..	4A/1757	3	2
engine part washing, Type B ... ..	4A/1269	3	14
Tanker, water/foam liquid ... ..	4C/3165	7	43
Tensiometers			
cable, S.M.E., 3, 4 and 5 ... ..	1C/6134-6136	2	16
cable, Type T.5 ... ..	1C/7170-3	2	39
Tester, for No.3 Mk.3 E.M. release unit	11A/4514	12	65

Nomenclature	Ref. No.	Sect.	Item
Tongs, soldering, electric, "Stanelco"			
type ... ..	1B/5257	2	34
Tool, mandrel cropping, pneumatic ...	3AB/4660833	2	38
Tools, riveting, expander, Mk.2, Type B	1C/6542	2	29
Tools, repair, tubeless tyres ...LV6 MT2/4	910-99-VARIOUS	13	33
Tow bar, Mk.1A... ..	4GB/10728	6	182
Trailers			
baggage, 20 cwt. ... ..	4DB/3131	4	21
four-wheeled, 2/3 ton capacity... ..	4D/2974	4	18
Transporter, wheel ... ..	4G/3039	6	44
Trestle			
jacking, universal... ..	4G/VARIOUS	6	66
mainplane, steady ... ..	4GB/3983	6	60
tail, Type D ... ..	4GB/2554	6	45
Trolley			
air charging, high pressure, Mk.2 ...	4G/4221	6	80
air charging, high pressure, Mk.2A, 2B	4GD/4399275,		
and 2C... ..	4399549, 4660342	6	152
air charging, single-cylinder, Mk.1A... ..	4GD/4660343	6	159
air charging, single-cylinder, Mk.2 ...	4GD/4399302	6	163
air cooling and pressure-cabin testing,			
Mk.3A ... ..	4F/2584	5	13
air cooling, Mk.1 ... ..	4F/1785	5	20
air cooling, Mk.2 and 2B... ..	4F/1912, 5191	5	27
air cooling, Mk.2A and 2C ... ..	4F/2002, 5221	5	31
air cooling, Mk.3C... ..	4F/6237	5	82
air cooling, Mk.3D... ..	4F/5606	5	75
air cooling, Mk.5 and 5A... ..	4F/2396, 3362	5	52
air starting, low pressure, Mk.12 and			
12A ... ..	4F/5272, 6494	5	7
air starting, low pressure, Mk.4 ...	4F/3235	5	63
air starting, low pressure, Mk.10 ...	4F/3962	5	6
air starting, low pressure, Mk.11 ...	4FA/4637373	5	19
air supply, Mk.2 ... ..	4F/2196	5	40
air supply, Mk.3 ... ..	4F/3998	5	68
air supply, Mk.4 ... ..	4F/2376	5	62
aircraft cleaning ... ..	4G/3591	6	47
aircraft defrosting plant, power-operated	4G/4856	6	125
aircraft heating (4 therm/hour), Mk.1			
and 2 ... ..	4F/4491, 5443	5	79
bomb, loading, Canberra, Mk.1 and Mk.2	26FZ/95069,		
	95111	12	18
bomb, Type F... ..	4G/2668	12	8
bomb, Type J, Mk.1 and 2... ..	76R/219, 235	12	69
can, fluid replenishing ... ..	4G/5371	6	128
compressor, air, Type L, Mk.1, 2 and 2A	4F/1500, 1693		
	1783	5	2

Nomenclature	Ref. No.	Sect.	Item
Trolley (continued)			
coolant, replenishment ... ..	4GD/4399011	6	76
de-icing fluid replenishment ... ..	4GD/4399059	6	76
engine change unit servicing, Mk.2 ...	4G/4858	6	78
fire extinguisher, CO <sub>2</sub> , aircraft servicing ... ..	4G/6724	6	139
fuel replenishment ... ..	4GD/4399288	6	141
ground heating, non-toxic, Mk.4 ...	4F/4401	5	46
handling, multi-purpose (Naval) ...	4G/6711	6	136
hydrant MH2... ..	4K/4099	7	48
jack transporting, Mk.4... ..	4Q/4230856	9	42
liquid oxygen replenishment, 75 litres capacity Mk.1 and 2 ... ..	71AA/1,3,64,65	5	72
liquid oxygen replenishment, 185 litres capacity ... ..	71AA/2	5	73
mobile fuel blending Mk.2 and Mk.3 ...	4K/3444,4637	7	36
nitrogen charging, Mk.1... ..	4G/4272	6	80
nitrogen charging, Mk.1B ... ..	4G/6735	6	138
nitrogen charging, single cylinder ...	4G/6259	6	158
nitrogen charging, 2 cylinder, light-weight ... ..	4GD/10669	6	183
nitrogen charging, four cylinder, Mk.1A	4GD/4399300	6	170
nitrogen charging, four cylinder, Mk.2 and 2A ... ..	4G/8362,8654	6	174
oil replenishment... ..	4GD/4399014	6	76
oil system flushing ... ..	4G/3980	6	5
oxygen charging, Mk.2 ... ..	4GD/4399012	6	130
platform ... ..	4D/223	4	11
platform, aircraft servicing, G.P. ...	4F/4659680	5	37
pressure-cabin testing, Mk.1C... ..	4F/1714	5	9
pressure-cabin testing, Mk.2 ... ..	4F/2541	5	51
refrigerant replenishment ... ..	4G/9261	6	175
refrigerant replenishment - nitrogen pressurised... ..	4G/9085	6	176
salvage, main, 75 ton (air transportable)	4F/4424	5	76
salvage, main, Type C ... ..	4GB/3732	6	49
salvage, nose, 15 ton ... ..	4F/2303,4425	5	49
salvage, Tracjac ... ..	4Q/2332	9	25
servicing, aircraft toilet, Mk.3 ...	4F/2344	5	38
servicing, aircraft toilet, Mk.4B ...	4F/3083	5	56
servicing, bomb carrier, Type A ...	4G/6234	12	74
servicing, Hunter gun package ...	26FX/95038	12	29
servicing, hydraulic, Mk.1 and Mk.1B	4F/172,1806	5	3
servicing, hydraulic, Mk.2A, 2B and 2C	4F/1796,2345,2375	5	25
servicing, hydraulic, Mk.2D ... ..	4F/3229	5	57
servicing, hydraulic, Mk.2E ... ..	4F/3818	5	65
servicing, hydraulic, Mk.2G ... ..	4F/4578	5	8

Nomenclature	Ref. No.	Sect.	Item
Trolley (continued)			
servicing, hydraulic, Mk.3 ... ..	4F/3603	5	55
servicing, hydraulic, Mk.4A, 4B and 4C	4F/3150,3551	5	53
servicing, hydraulic, Mk.4D ... ..	4F/7167	5	83
servicing, hydraulic, Mk.5B, 5C and 5D	4F/3819,4279		
	4933	5	69
servicing, hydraulic, Mk.6B and 6C...	26VC/95487,		
	95486	5	4
servicing, hydraulic, Mk.5E ... ..	4F/7038	5	81
servicing, hydraulic, miniature, Mk.1B and 1C ... ..	4F/3909,3910	5	59
servicing, pneumatic, low-pressure, Mk.1	4F/36	5	5
servicing, pneumatic, low-pressure, Mk.1B ... ..	4F/1805	5	26
servicing, pneumatic, low-pressure, Mk.2	4F/1724	5	11
servicing, water/glycol ... ..	4G/8655	5	77
stowage, for engine and power plant cowlings ... ..	4G/4042	6	27
testing, instrument and automatic pilot, Mk.1A and 1B ... ..	4F/1715,1856	5	10
transporting, gun package ... ..	4G/5561	12	35
water/methanol replenishment, Mk.1...	4GD/4399058	6	76
water/methanol replenishment, Mk.2...	4G/8346	6	167
Truck			
cylinder, gas welding ... ..	4A/1315	3	22
elevating platform, Type A ... ..	4D/1020	4	2
elevating platform, Type B ... ..	4D/2021	4	4
fork-lift, pedestrian operated ... ..	4D/2770	4	15
fork-lift, 560 lb. pedestrian operated, Type A ... ..	4D/3458	4	24
U			
Unit			
foam dispenser ... ..	4C/3166	7	42
oxygen charging ... ..	4G/5721	6	90
pressure, regulating ... ..	6D/2351	6	155
servicing, M.T. hydraulic brakes ... ..	16C/6290	13	1
packa greasing ... ..	(Naval) 0274/ 274014	2	40
V			
Vulcaniser, Stenor, Dart model ... ..	16C/6583	13	5
W			
Welder, spot, electric, hand ... ..	4A/2315	3	28
Wheels, transportation (for 10, 15 and 25 ton four-legged jacks)... ..	4Q/2614,2615	9	24

Nomenclature					Ref. No.	Sect.	Item
Winch							
bomb, 1,000 lb.	...	...	...	...	4GA/3246	12	5
bomb, 2,000 lb.	...	...	...	...	4G/2331	12	20
bomb, 4,000 lb.	...	...	...	...	4GA/2348	12	6
M.3 Skyclimber	...	...	...	...	4T/6909	6	178

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